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PATENT

Attorney Docket No.: 16869P-012510US

Client Ref. No.: 219900944US2

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On 9/20/04

TOWNSEND and TOWNSEND and CREW LLP

By: [Signature]

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Kouji Arikawa et al.

Application No.: 10/731,599

Filed: December 8, 2003

For: METHOD AND APPARATUS FOR  
OPTICAL HEAD AND OPTICAL  
INFORMATION REPRODUCING

Customer No.: 20350

Confirmation No. 4742

Examiner: Nabil Z. Hindi

Technology Center/Art Unit: 2655

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

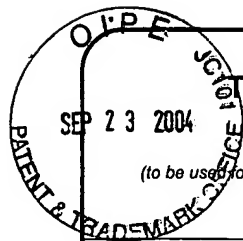
In response to the Office Action mailed July 16, 2004, please enter the following amendments and remarks:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.

09/24/2004 AWONDAF1 00000019 201430 10731599

01 FC:1201 86.00 DA



# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

/ 0

Application Number

10/731,599

Filing Date

December 8, 2003

First Named Inventor

Arikawa, Kouji

Art Unit

2655

Examiner Name

Nabil Z. Hindi

Attorney Docket Number

16869P-012510US

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Return Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

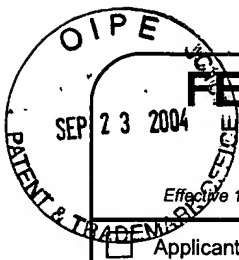
## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Townsend and Townsend and Crew LLP	
	George B. F. Yee	Reg. No. 37,478
Signature		
Date	September 20, 2004	

## CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	Cynthia McKinley		
Signature		Date	September 20, 2004

**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 86**Complete if Known**

Application Number	10/731,599
Filing Date	December 8, 2003
First Named Inventor	Arikawa, Kouji
Examiner Name	Nabil Z. Hindi
Art Unit	2655
Attorney Docket No.	16869P-012510US

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number

20-1430

Deposit  
Account  
Name

Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1001	770	2001 385 Utility filing fee	
		1002	340	2002 170 Design filing fee	
		1003	530	2003 265 Plant filing fee	
		1004	770	2004 385 Reissue filing fee	
		1005	160	2005 80 Provisional filing fee	

**SUBTOTAL (1)**

(\$)

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

	Extra Claims	Fee from below	Fee Paid
Total Claims 13 -20** =	0	X\$18	\$0
Independent Claims 4 -3** =	1	X\$86	\$86
Multiple Dependent	X		

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
		1202	18	2202 9 Claims in excess of 20
		1201	86	2201 43 Independent claims in excess of 3
		1203	290	2203 145 Multiple dependent claim, if not paid
		1204	86	2204 43 ** Reissue independent claims over original patent
		1205	18	2205 9 ** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)**

(\$86

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large	Entity	Small	Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
				1051	130	2051 65 Surcharge - late filing fee or oath	
				1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet.	
				1053	130	1053 130 Non-English specification	
				1812	2,520	1812 2,520 For filing a request for reexamination	
				1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
				1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
				1251	110	2251 55 Extension for reply within first month	
				1252	420	2252 210 Extension for reply within second month	
				1253	950	2253 475 Extension for reply within third month	
				1254	1,480	2254 740 Extension for reply within fourth month	
				1255	2,010	2255 1,005 Extension for reply within fifth month	
				1401	330	2401 165 Notice of Appeal	
				1402	330	2402 165 Filing a brief in support of an appeal	
				1403	290	2403 145 Request for oral hearing	
				1451	1,510	1451 1,510 Petition to institute a public use proceeding	
				1452	110	2452 55 Petition to revive - unavoidable	
				1453	1,330	2453 665 Petition to revive - unintentional	
				1501	1,330	2501 665 Utility issue fee (or reissue)	
				1502	480	2502 240 Design issue fee	
				1503	640	2503 320 Plant issue fee	
				1460	130	1460 130 Petitions to the Commissioner	
				1807	50	1807 50 Petitions related to provisional applications	
				1806	180	1806 180 Submission of Information Disclosure Stmt	
				8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
				1809	770	2809 385 Filing a submission after final rejection (37 CFR § 1.129(a))	
				1810	770	2810 385 For each additional invention to be examined (37 CFR § 1.129(b))	
				1801	770	2801 385 Request for Continued Examination (RCE)	
				1802	900	1802 900 Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)**

(\$)

**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	George B. F. Yee	Registration No. (Attorney/Agent)	37,478	Telephone	650-326-2400
Signature				Date	September 20, 2004

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